CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/015,551   **ENTERED**

CRF Processing Date: 1/14/2002
Edited by: _____
Verified by: _____ (STIC sta

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected: _____

☐ Other:

_____
_____
_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action! DO NOT send a copy of this form.   y1/95

RAW SEQUENCE LISTING   DATE: 01/14/2002
PATENT APPLICATION: US/10/015,551   TIME: 09:52:48

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\01112002\J015551.raw**

     4 <110> APPLICANT: Allen, Keith D.
    ·6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING
     7   BRAIN-SPECIFIC MEMBRANE-ANCHORED PROTEIN GENE DISRUPTIONS
    10 <130> FILE REFERENCE: R-227
C--> 12 **<140> CURRENT APPLICATION NUMBER: US/10/015,551**
C--> 12 **<141> CURRENT FILING DATE: 2001-12-11**
    12 <150> PRIOR APPLICATION NUMBER: US 60/255,969
    13 <151> PRIOR FILING DATE: 2000-12-13
    15 <150> PRIOR APPLICATION NUMBER: US 60/301,040
    16 <151> PRIOR FILING DATE: 2001-06-26
    18 <160> NUMBER OF SEQ ID NOS: 3
    20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    22 <210> SEQ ID NO: 1
    23 <211> LENGTH: 352
    24 <212> TYPE: DNA
    25 <213> ORGANISM: Mus musculus
    27 <400> SEQUENCE: 1
    28 gctgcggtag cattgccgct gctgctgttg ttggcgtcac tggtcacccc aaccccagcg 60
    29 cgtgacccct tcgctccgca gctcggggac actcagaggt gccagcagcg gtgtcgccag 120
    30 caccaccctg gctcgcctcc tgcgcagcct gagccagagg gtccctcaga gtccccgaat 180
    31 aacaaggcta tcctgatcag tgcttgtgag cgtggctgtc ggcttttctc catctgccgc 240
    32 tttgtggcca agagctctag gcccaatgcc acagagacag aatgtgaagc agcctgcaca 300
    33 gaagcttacg tgaaggcagc ggagcaacgg gcctgcagtg aggggtgctg gg   352
    35 <210> SEQ ID NO: 2
    36 <211> LENGTH: 200
    37 <212> TYPE: DNA
    38 <213> ORGANISM: Artificial Sequence
    40 <220> FEATURE:
    41 <223> OTHER INFORMATION: Targeting Vector
    43 <400> SEQUENCE: 2
    44 acccctcccc ccatgatgat cctggctttc tgaaacctga cttcagtctc gtggattctt 60
    45 agggggaccc cagccttctt ccccgagtac ctttgcctga gtctcttatc tcccttccca 120
    46 gcctgagcca gagggtccct cagagtcccc gaataacaag gctatcctga tcagtgcttg 180
    47 tgagcgtggc tgtcggcttt   200
    49 <210> SEQ ID NO: 3
    50 <211> LENGTH: 200
    51 <212> TYPE: DNA
    52 <213> ORGANISM: Artificial Sequence
    54 <220> FEATURE:
    55 <223> OTHER INFORMATION: Targeting Vector
    57 <221> NAME/KEY: misc_feature
    58 <222> LOCATION: 157
    59 <223> OTHER INFORMATION: n = A,T,C or G
    61 <400> SEQUENCE: 3
    62 gcccaatgcc acagagacag aatgtgaagc aggtgagtcc tccagggctg ggtgcacttt 60
    63 gggggtgcct gcagcagagg tatcctggga agcagctccc agtgactcca tcctgtggcc 120
    64 **cacagcctgc acagaagctt acgtgaaggc agcggancaa cgggcctgca gtgaggggtg 180**

RAW SEQUENCE LISTING   DATE: 01/14/2002
PATENT APPLICATION: US/10/015,551 TIME: 09:52:48

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\01112002\J015551.raw**

65 ctggggccag atccctgaac   200

VERIFICATION SUMMARY   DATE: 01/14/2002
PATENT APPLICATION: **US/10/015,551**   TIME: 09:52:49

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\01112002\J015551.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

```
RAW SEQUENCE LISTING              DATE: 01/04/2002
PATENT APPLICATION:  US/10/015,551   TIME: 10:40:50

Input Set : A:\Sequences for submission.txt
Output Set: N:\CRF3\01042002\J015551.raw
```

Does Not Comply
Corrected Diskette Needed

```
    4 <110> APPLICANT: Allen, Keith D.
    6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING
    7       BRAIN-SPECIFIC MEMBRANE-ANCHORED PROTEIN GENE DISRUPTIONS
   10 <130> FILE REFERENCE: R-227
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   18 <160> NUMBER OF SEQ ID NOS: 3
   20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
   49 <210> SEQ ID NO: 3
   50 <211> LENGTH: 200
   51 <212> TYPE: DNA
   52 <213> ORGANISM: Artificial Sequence
   54 <220> FEATURE:
   55 <223> OTHER INFORMATION: Targeting Vector
   57 <221> NAME/KEY: misc_feature
   58 <222> LOCATION: 157
   59 <223> OTHER INFORMATION: n = A,T,C or G
   61 <400> SEQUENCE: 3
   62 gcccaatgcc acagagacag aatgtgaagc aggtgagtcc tccagggctg ggtgcacttt 60
   63 ggggggtgcct gcagcagagg tatcctggga agcagctccc agtgactcca tcctgtggcc 120
W- 64 cacagcctgc acagaagctt acgtgaaggc agcggancaa cgggcctgca gtgaggggtg 180
   65 ctggggccag atccctgaac                                              200
E--> 66 1
```

VERIFICATION SUMMARY   DATE: 01/04/2002
PATENT APPLICATION: **US/10/015,551**   TIME: 10:40:51

Input Set : **A:\Sequences for submission.txt**
Output Set: **N:\CRF3\01042002\J015551.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:66 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:200 SEQ:3